

**Notice of Allowability**

Application No.

10/615,946

Examiner

Oanh Duong

Applicant(s)

TILANDER ET AL.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/19/2007.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 09/05/07
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

/Oanh Duong/  
Primary Examiner  
January 7, 2008

### **INTERVIEW SUMMARY**

1. A telephone interview was initiated by examiner on January 3, 2007. Examiner suggested and applicant's representative agreed to delete "value" in claims 1, 11, 19, and 27 as shown in Examiner's amendment below.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brad Y. Chin (Registration No. 52,738) on January 4, 2008.

Claim 1. (Currently Amended) A method, comprising:

collecting statistics associated with a frequency of use of at least one first quality of service parameter applied in session resources pertaining to said switching system;

recording information to a connection cache pertaining to a session resource, if in said statistics said frequency of use of at least one second quality of service parameter ~~value~~ associated with said session resource is high enough to warrant said recording, said information comprising said at least one second

quality of service parameter value;

checking in the processing of a session establishment or modification request said connection cache for at least one matching session resource, for which said at least one second quality of service parameter value matches properties required of said session resource, said at least one second quality of service parameter value being among said at least one first quality of service parameter value; and

using said session resource in the establishment of at least one communication path pertaining to said session establishment or modification request.

Claim 11. (Currently Amended) A system, comprising:

means for switching communication paths;

means for receiving session establishment or modification requests;

means for collecting statistics on a frequency of use of at least one first quality of service parameter value applied in session resources used by sessions pertaining to said session establishment or modification requests;

a connection cache for recording information pertaining to a session resource, if in said statistics said frequency of use of at least one second quality of service parameter value associated with said session resource is high enough

to warrant said recording, said information comprising said at least one second quality of service parameter value, said at least one second quality of service parameter value being among said at least one first quality of service parameter value; and

means for reusing said session resource, the information of which has been stored in said connection cache, in the context of a new session establishment or modification request.

Claim 19. (Currently Amended) A node, comprising:

means for receiving session establishment or modification requests;

means for collecting statistics regarding a frequency of use of at least one first quality of service parameter value applied in session resources used by sessions pertaining to said session establishment or modification requests;

a connection cache for recording information pertaining to said session resource, if in said statistics said frequency of use of at least one second quality of service parameter value associated with said session resource is high enough to warrant said recording, said information comprising said at least one second quality of service parameter value, said at least one second quality of service parameter value being among said at least one first quality of service parameter value; and

means for reusing said session resource, the information of which has been stored in said connection cache, in the context of a new session establishment or modification request.

Claim 27. (Currently Amended) A node, comprising:

- a call control application configured to receive session establishment or modification requests;

- a resource selector application configured to collect statistics regarding a frequency of use of at least one first quality of service parameter value applied in session resources used by sessions pertaining to said session establishment or modification requests;

- a connection cache configured to record information pertaining to a session resource, if in said statistics said frequency of use of at least one second quality of service parameter value associated with said session resource is high enough to warrant said recording, said information comprising said at least one second quality of service parameter value, said at least one second quality of service parameter value being among said at least one first quality of service parameter value; and

- said resource selector application configured to reuse a session resource, the information of said session resource is stored in said connection cache.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oanh Duong whose telephone number is (571) 272-3983. The examiner can normally be reached on Monday- Friday, 9:30PM - 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Oanh Duong/  
Primary Examiner  
January 7, 2008